

Title (en)
CONNECTING DUCTS

Title (de)
VERBINDUNG VON LEITUNGEN

Title (fr)
RACCORDEMENT DE CONDUITS

Publication
EP 3504469 A1 20190703 (EN)

Application
EP 17787519 A 20170823

Priority
• GB 201614395 A 20160823
• GB 2017052484 W 20170823

Abstract (en)
[origin: GB2553119A] A duct apparatus comprising a first 9 and second (9, fig. 8) duct sections, each being provided with a connector assembly used to connect the duct sections together. The connector assemblies comprise flange elements 2 and corner elements 3. The flange elements include attachment means to attach the flange to an end face of a duct section. Each corner element engages with two flange elements. A two sided adhesive tape 13 is applied around the perimeter of the connector assembly of the first duct section, and is used to adhere the two duct sections together, and provides a seal between the two ducts. In joining the two duct sections together, a fastener 10 is inserted through an aperture in each corner element, after the connector assemblies of the two duct sections have been aligned, and the fasteners secure the sections together prior to the application of pressure to secure them via the adhesive tape. The adhesive tape can be provided as a continuous length, or as multiple discrete lengths. An additional length of tape can be applied to each corner of the connector assembly.

IPC 8 full level
F16L 13/10 (2006.01); **F16L 23/14** (2006.01); **F16L 23/16** (2006.01); **F24F 13/02** (2006.01)

CPC (source: EP GB US)
F16L 9/003 (2013.01 - GB); **F16L 13/103** (2013.01 - EP GB US); **F16L 23/14** (2013.01 - EP GB US); **F16L 23/16** (2013.01 - EP GB US); **F16L 25/0009** (2013.01 - GB); **F24F 13/0209** (2013.01 - EP GB US)

Citation (search report)
See references of WO 2018037227A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
GB 201614395 D0 20161005; **GB 2553119 A 20180228**; EP 3504469 A1 20190703; US 2019203972 A1 20190704; WO 2018037227 A1 20180301

DOCDB simple family (application)
GB 201614395 A 20160823; EP 17787519 A 20170823; GB 2017052484 W 20170823; US 201916282150 A 20190221